

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: AMEREN ILLINOIS COMPANY	Operator ID#: 32513
Inspection Date(s): 7/21/2015, 7/22/2015, 7/23/2015	Man Days: 3
Inspection Unit: Lincoln	
Location of Audit: Lincoln	
Exit Meeting Contact: Kevin Glaspy	
Inspection Type: Standard Inspection - Field Audit	
Pipeline Safety Representative(s): Donald Hankins	
Company Representative to Receive Report: Michael Fuller	
Company Representative's Email Address: mfuller2@ameren.com	

Headquarters Address Information:	300 Liberty Peoria, IL 61602 Emergency Phone#: (800) 755-5000 Fax#:	
Official or Mayor's Name:	Ron Pate Phone#: (217) 424-6518 Email:	
Inspection Contact(s)	Title	Phone No.
Kevin Glaspy	Quality Assurance Consultant	

CUSTOMER METER & REGULATOR		Status
[192.353(a)]	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	Satisfactory
<u>General Comment:</u> <i>Customer meters and regulators were inspected at the following locations in Lincoln.</i> 1725 1200TH Eaton Plant 1810 1218Th Street 1865 Sunset Drive 1352 Airport Road 1112 Kankakee Street 812 Chicago Street 1300 Delavan Street 1313 Delavan Street 1219 Delavan Street 420 South Chicago Street		

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523 Comet Avenue
1316 Delavan Street
1323 Delavan Street
1021 Delavan Street
526 Comet Avenue
533 Comet Avenue
1404 Delavan
1403 Delavan Street
1330 Delavan Street

[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	Satisfactory
<u>General Comment:</u> <i>All meters were inspected had vents inside of them.</i>		
[192.355(b)(2)]	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	Satisfactory
<u>General Comment:</u> <i>Vents were located to let gas vent freely into the atmosphere.</i>		
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	Not Applicable
<u>General Comment:</u> <i>Meters that were inspected were not in a flood plain.</i>		
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	Satisfactory
<u>General Comment:</u> <i>Meters were installed to minimize stress on the customers piping.</i>		
[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	Satisfactory
<u>General Comment:</u> <i>All regulators were vented to the outside.</i>		
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	Satisfactory
<u>General Comment:</u> <i>All meters were within the allowable limits, the meter MAOP was 5 pounds.</i>		
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	Satisfactory
<u>General Comment:</u> <i>All meter sets had an upstream line valve on them.</i>		
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	Not Checked
<u>General Comment:</u>		

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<i>No underground service line valves that were inspected were in standpipes or curb boxes.</i>		
[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	Not Checked
<u>General Comment:</u> <i>No discontinued meter sets were inspected during this audit.</i>		
CATHODIC PROTECTION		Status
[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	Satisfactory
<u>General Comment:</u> <i>Cathodic protection readings were taken and they meet the code requirements.</i>		
[192.465(a)]	Were pipe to soil readings taken?	Satisfactory
<u>General Comment:</u> <i>Cathodic readings were taken at the following locations.</i> 1725 1200TH Eaton Plant -1.27 1810 1218Th Street -1.31 1865 Sunset Drive -1.35 1352 Airport Road -1.12 1112 Kankakee Street -1.18 Regulator Station XL 38 -1.34 1725 North Airport Road -1.11		
[192.465(b)]	Were rectifier installations inspected?	Not Checked
<u>General Comment:</u> <i>Rectifier reading were not taken during this audit.</i>		
[192.465(a)]	Were isolated mains/services tested?	Satisfactory
<u>General Comment:</u> <i>Isolated services were taken at the following locations.</i> 812 Chicago Street -1.19 1300 Delavan Street -1.24 1313 Delavan Street -1.26 420 South Chicago Street -1.18 523 Comet Avenue -1.35 1316 Delavan Street -1.26 1323 Delavan Street -1.26 526 Comet Avenue -1.35 533 Comet Avenue -1.35 1404 Delavan -1.20 1403 Delavan Street -1.21 1330 Delavan Street -1.26		
[192.465(c)]	Were critical/non critical bonds tested?	Not Checked
<u>General Comment:</u>		

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<i>Critical bonds were not inspected during this audit</i>		
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	Satisfactory
<u>General Comment:</u> <i>Electrical isolation is being provided by insulated meter spuds.</i>		
[192.467(c)]	Were casings installations tested for electrical isolation?	Satisfactory
<u>General Comment:</u> <i>Two casing readings were taken during this audit.</i> <i>Union Street @ RR tracks -.570</i> <i>1112 Kankakee Street -.606</i>		
[192.479(a)]	Is the above ground piping coated or painted as required?	Satisfactory
<u>General Comment:</u> <i>Above ground meter sets have been painted.</i>		
[192.479(c)]	Is the pipeline free of corrosion or pitting?	Satisfactory
<u>General Comment:</u> <i>Piping at meter sets were corrosion and pitting free.</i>		
DAMAGE PREVENTION		Status
[192.614]	Does the operator have a valid notification of planned excavation activities?	Satisfactory
<u>General Comment:</u> <i>Staff inspected Julies that had been called in. Staff had the service line rechecked to see if lines were marked proper, with the following lines being checked.</i> <i>319 North Madison Street Julie number A2012420</i> <i>112 Keokuk Street Julie number A1901541.</i> <i>322 Park Place Julie number A002032268.</i>		
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	Satisfactory
<u>General Comment:</u> <i>The timeframe for each Julie is listed below.</i> <i>319 North Madison Street Dig start 7-22-15 to 8-16-15</i> <i>112 Keokuk Street Dig start 7-13-15 to 8-5-15</i> <i>322 Park Place Dig start 7-22-15 to 8-18-15</i>		
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Satisfactory
<u>General Comment:</u> <i>Marks and flags were still placed on the ground for these Julies.</i>		
[192.707(a)(1)]	Are line markers placed and maintained as close as practical over each buried	Satisfactory

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	main and transmission line located at each crossing of a public road and railroad?	
<u>General Comment:</u> <i>Line markers were inspected at each regulator station.</i>		
[192.707(a)(2)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	Satisfactory
<u>General Comment:</u> <i>Line markers were inspected at each regulator station.</i>		
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	Satisfactory
<u>General Comment:</u> <i>Line markers were inspected at each regulator station.</i>		
[192.707(d)(1)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	Satisfactory
<u>General Comment:</u> <i>Line markers had the proper wording placed on the line markers.</i>		
[192.707(d)(2)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	Satisfactory
<u>General Comment:</u> <i>Line markers had the emergency phone number of Ameren Illinois on them. 1-800-755-5000.</i>		
PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)		Status
[192.739(a)(4)]	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	Satisfactory
<u>General Comment:</u> <i>Staff inspected the following regulator stations that are listed below, and they are fenced in or in a building.</i> <i>Station ID XL-037 Fisher 99H regulator and a Fisher 63 EG relief with a MAOP of 30#, running at 27.6#.</i> <i>Station ID XL-002 Dual run Mooney regulators and Flow safe F85-M relief with a MAOP 350# running at 329.7#.</i>		

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Station ID XL-068 Dual run, with a monitor station with Mooney-flow max regulators running at 28.2# with a MAOP 30#.
 Station ID XL-030 Dual run with Fisher 99H regulators and a Mooney-Flow grid relief, MAOP 30# running at 28.0#.
 Station ID XL-034 Dual run with Fisher 99H regulators and a Mooney-Flow grid relief, MAOP 30#, running at 28.10#.
 Station ID XL-024 Dual run with Fisher 399A regulators, and a Fisher 1805-2 relief, MAOP 30# running at 28.3#.

[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	Satisfactory
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General Comment:

Regulator stations that were inspected are fenced in or in a building.

[192.741(a),192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	Satisfactory
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General Comment:

Stations had telemetering and gauges on them.

[192.743(a)]	Is overpressure protection provided on the pipeline downstream of the take point?	Not Checked
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General Comment:

Staff did not inspect overpressure protection downstream of the take point, during this audit.

[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	Satisfactory
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General Comment:

Supports were made out of noncombustible materials.

[192.199(e)]	Were the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	Satisfactory
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General Comment:

Discharge stacks and vents were inspected during this audit.

[192.199(h)]	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	Satisfactory
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General Comment:

Valves inside of fences or buildings were locked off to secure unauthorized operation.

VALVE MAINTENANCE		Status
[192.747(a)]	Were the valves readily accessible and was the operator able to access the valve with the appropriate valve wrench?	Satisfactory

General Comment:

Inlet and outlet valve boxes were checked during this audit.

ODORIZATION OF GAS		Status
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[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	Satisfactory
<u>General Comment:</u> <i>Odorant reading were taken by using a Heath Odorator 2, last inspected on 2-2-15, with reading taken at the following locations. Lincoln Operating Center .28% and .43 % 319 Madison Street .26% and .46%. 322 Park Street .29% and .46% 1711 Airport Road .27% and .54%.</i>		
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	Not Checked
<u>General Comment:</u> <i>Equipment and tank levels were not inspected during this audit.</i>		
[192.625(f)]	Was the operator's equipment calibrated as required?	Satisfactory
<u>General Comment:</u> <i>Last inspected on 2-2-15</i>		
TRANSMISSION		Status
<u>Category Comment:</u> <i>Transmission piping was not inspected during this audit.</i>		
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	Not Checked
[192.745(a)]	Were the valves inspected accessible?	Not Checked
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	Not Checked
[192.179(c)]	If blow down activities were observed, were the blow down valves properly sized to allow the transmission pipeline to vent as rapidly as practicable and did the blow down vent freely to atmosphere away from any hazards?	Not Checked
MARKING OF MATERIAL		Status
[192.63(a)]	Does the operator's components and pipe contain the required markings?	Satisfactory
<u>General Comment:</u> <i>Pipe and fittings were marked with the required markings</i>		
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		No
<u>General Comment:</u> <i>A protocol form 15 was not completed during this audit.</i>		

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